

Message

From: Ulrich, Elin [Ulrich.Elin@epa.gov]
Sent: 1/26/2022 7:15:47 PM
To: Brennan, Amanda [brennan.amanda@epa.gov]
Subject: RE: Attagene

Now seems reasonable, since you can update it later if needed.

Elin M. Ulrich, Ph.D. (she/her); Branch Chief
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U.S. Environmental Protection Agency
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SETAC Focused Topic Meeting "Non-Target Analysis for Environmental Assessment" May 22-26, 2022, Durham, NC and virtual; Abstracts due Jan 26, 2022.

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"A Framework for Utilizing High-Resolution Mass Spectrometry and Non-targeted Analysis in Rapid Response and Emergency Situations"

"Predicting compound amenability with liquid chromatography-mass spectrometry to improve non-targeted analysis"

From: Brennan, Amanda <brennan.amanda@epa.gov>
Sent: Wednesday, January 26, 2022 2:15 PM
To: Ulrich, Elin <Ulrich.Elin@epa.gov>
Subject: RE: Attagene

Thanks, Elin! Would it be okay to upload to the Teams AltEn page tomorrow then, or should I just go ahead and do it now? It's pretty similar to what is in my email but more bulleted/outlined.

I hope you have a great evening with your dad!

From: Ulrich, Elin <Ulrich.Elin@epa.gov>
Sent: Wednesday, January 26, 2022 1:46 PM
To: Brennan, Amanda <brennan.amanda@epa.gov>
Subject: RE: Attagene

I will endeavor to read this and provide feedback before we meet tomorrow, but my schedule is really tight and my dad is back this afternoon. I will say that if it's similar to your email, you're in good shape! We can always tweak, but I do think you're on a good big-picture path.

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From: Brennan, Amanda <brennan.amanda@epa.gov>

Sent: Wednesday, January 26, 2022 1:23 PM

To: Ulrich, Elin <Ulrich.Elin@epa.gov>

Subject: RE: Attagene

Hi Elin,

Could I get your feedback on this brief research description for AltEn? I think it's still a work in progress and there is still some unknown, mostly with sampling. It would be great to get feedback from the Univ of Nebraska researchers on the targeted soil data already available to guide sample collection to fit both of our needs. I probably should have reached out to them sooner. In the absence of that, I have proposed sampling based on a transect and time series- to help confirm source identification, possibly speaks to transport of contaminants and temporal changes in transformation products. I have thought some of this through (definitely with help from others- brief chats with Matt and Alex) on how to sample to help with feature elimination, but use the data to address the larger questions from above. I have also reached out to the bee modelers to see if they would have any need for soil data in their modeling efforts. It would be great if the collected NTA data can have multiple uses. For my proposal, the main use is evaluating transformation prediction tools (CTS and others) in NTA- keeping it simple.

Thanks,
Amanda

From: Ulrich, Elin <Ulrich.Elin@epa.gov>

Sent: Wednesday, January 26, 2022 9:28 AM

To: Brennan, Amanda <brennan.amanda@epa.gov>

Subject: RE: Attagene

I'm no Attagene expert, but I am happy to share what little I know!

I've got gaps in my schedule tomorrow from 10-11 and noon-1pm. Friday might be possible between 11 and 2, but the exact timing will be hard to predict since I need to make an airport run close to that time.

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From: Brennan, Amanda <brennan.amanda@epa.gov>

Sent: Wednesday, January 26, 2022 9:15 AM

To: Ulrich, Elin <Ulrich.Elin@epa.gov>

Subject: Attagene

Hi Elin,

Do you have time this week to chat more about Attagene testing (for the AltEn NTA proposal)? I was able to find some information online, but thought you would have more answers for some of the questions I'm looking for. If so, I can find a time that works for both of us.

Thanks,
Amanda